

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) A method for configuring a network interface device, the network interface device adaptable to connect a programmable logic controller to a network, said method comprising:

automatically enforcing, via a wizard, user compliance with a plurality of predetermined steps for a computer-assisted configuration of the network interface device, the computer-assisted configuration relating to an OSI transport layer or above; and

providing at least one setting to the network interface device.

2. (Original) The method of claim 1, further comprising:

requesting from a user, for the least one setting for the network interface device.

3. (Original) The method of claim 1, further comprising:

receiving the at least one setting for the network interface device.

4. (Cancelled).

5. (Original) The method of claim 1, further comprising:

receiving a count of network connections for the network interface device.

6. (Original) The method of claim 1, further comprising:

receiving a type for at least one network connection to the network interface device.

7. (Original) The method of claim 1, further comprising:
determining the at least one setting for the network interface device.
8. (Original) The method of claim 1, further comprising:
configuring the network interface device with the at least one setting.
9. (Original) The method of claim 1, further comprising:
receiving a setting of a logical position of the network interface device relative to the programmable logic controller.
10. (Original) The method of claim 1, further comprising:
receiving a Q-address used by an input/output module attached to the programmable logic controller, the input/output module further couplable to the network interface device.
11. (Original) The method of claim 1, further comprising:
verifying the at least one setting for the network interface device.
12. (Original) The method of claim 1, wherein the network interface device is adaptable to communicatively couple the programmable logic controller to an ethernet network .
13. (Original) The method of claim 1, wherein the network interface device is adaptable to communicatively couple the programmable logic controller to the Internet.
14. (Original) The method of claim 1, wherein said plurality of predetermined steps are adaptable to receive at least one e-mail client configuration setting.
15. (Original) The method of claim 1, wherein said plurality of predetermined steps are adaptable to receive at least one FTP client configuration setting.

16. (Original) The method of claim 1, wherein said plurality of predetermined steps are adaptable to receive at least one FTP server configuration setting.

17. (Original) The method of claim 1, wherein said plurality of predetermined steps are adaptable to receive at least one HTTP server configuration setting.

18. (Original) The method of claim 1, wherein said plurality of predetermined steps are adaptable to receive at least one FTP server login services setting.

19. (Original) The method of claim 1, wherein said plurality of predetermined steps are adaptable to receive at least one secure HTTP server login services setting.

20. (Original) The method of claim 1, wherein said plurality of predetermined steps are adaptable to validate an FTP server address.

21. (Original) The method of claim 1, wherein said plurality of predetermined steps are adaptable to receive at least one SMTP client configuration setting.

22. (Original) The method of claim 1, wherein said plurality of predetermined steps are adaptable to configure an e-mail message to at least one user.

23. (Original) The method of claim 1, wherein said plurality of predetermined steps are adaptable to validate an e-mail server address.

24. (Original) The method of claim 1, wherein said network interface device is adaptable to communicate process data from the programmable logic controller to a network.

25. (Original) The method of claim 1, wherein said network interface device is adaptable to communicate process data from the programmable logic controller to a network.

26. (Original) The method of claim 1, wherein said plurality of predetermined steps comprises a help utility.

27. (Currently Amended) [[A]]An apparatus for providing a wizard adaptable to configure a network interface device couplable to a programmable logic controller, said wizard-apparatus comprising:

 an input processor adapted to sequentially prompt a user for at least one setting for configuring the network interface device at an OSI transport layer or above; and
 an output processor adapted to provide the at least one setting from the wizard to the network interface device.

28. (Original) A system comprising:

 a network interface device adaptable to communicatively couple a programmable logic controller to a network; and

 a wizard comprising a plurality of predetermined steps adapted to configure said network interface device at an OSI transport layer or above.

29. (Original) A machine-readable medium storing instructions for activities comprising:

 providing a plurality of predetermined steps adapted to sequentially prompt a user for at least one setting for configuring the network interface device at an OSI transport layer or above; and

 providing a plurality of predetermined steps to provide the at least one setting from the wizard to the network interface device.